

ABSTRACT

A cable actuated emergency stop system is disclosed, which includes
5 a housing structure within which a single shaft assembly can be maintained
for engaging a cable and a single shaft assembly that can be attached to the
cable, wherein the single shaft assembly comprises only one shaft that is
slideably disposed within the housing structure and movable relative to the
housing structure along a single path in a direction parallel to an axial
10 centerline of the shaft in response to a force exerted by the cable attached to
at least one end of the shaft. The system is configured in the context of a
single directional cable actuated emergency stop device which includes one
operating shaft exiting the housing structure.